

Amendments to the Claims:

Please cancel claims 1-22 without prejudice.

Please add the following new claims 23-37.

Listing of Claims:

Claims 1-22 (Cancelled).

Claim 23 (New) A device for injecting medical fluid comprising:

- a. an injector head;
- b. a syringe sized to be placed into said injector head;
- c. a cylinder having an opening sized to receive at least a portion of said syringe;
- d. a receptacle on said injector head sized to receive said cylinder;
- e. said cylinder being connected to said injector head and being selectively rotatable on said injector head into and out of said receptacle.

Claims 24 (New) A device as in claim 23, further comprising a longitudinal base member located at one end of said injector head, said longitudinal base member containing said receptacle and said cylinder being attached to said longitudinal base member.

Claim 25 (New) A device as in claim 24, further comprising a forward plate mounted on said longitudinal member at a position forward of said receptacle.

Claim 26 (New) A device as in claim 25, wherein said forward plate includes a slot for receiving a portion of said syringe.

Claim 27 (New) A device as in claim 26, wherein said slot receives an exit port of said syringe.

Claim 28 (New) A device as in claim 27, wherein said slot generally forms an arc with a radius equivalent to the arc circumscribed by said exit port as said cylinder is rotated into and out of said receptacle.

Claim 29 (New) A device as in claim 23, wherein said cylinder includes a slot for receiving a portion of said syringe.

Claim 30 (New) A device as in claim 29, wherein said slot receives an inlet port of said syringe.

Claim 31 (New) A device as in claim 25, wherein said forward plate includes a sensor that senses an operating parameter of said device.

Claim 32 (New) A device as in claim 31, wherein said operating parameter indicates the presence of said syringe in said cylinder.

Claim 33 (New) A device as in claim 31, wherein said operating parameter indicates the force exerted by said syringe on said forward plate.

Claim 34 (New) A device as in claim 23, further comprising a grasping portion projecting from said cylinder.

Claim 35 (New) A device as in claim 24, further comprising an attachment plate for connecting said longitudinal base member to said injector head, said attachment plate positioned at a location rearward of said receptacle.

Claim 36 (New) A device as in claim 35, wherein said attachment plate includes a protrusion which engages a corresponding receptacle in said cylinder.

Claim 37 (New) A device as in claim 35, wherein said attachment plate includes a sensor serving configured to indicate when said cylinder is fully engaged in said receptacle.